

01/13/2007

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Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. C70366	SERIAL NO. 09/786,492
<b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT Baker, et al.	
		FILING DATE 20 June 2002	GROUP 1614

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FK	3,968,263	7/6/76	Reussner	426	580	
	4,080,440	3/21/78	DiGiulio, et al.	424	49	
	2004/097517	5/13/04	Baker, et al.	424	49	
	3,681,091	8/1/72	Kohl et al.	426	532	
	3,894,147	7/8/75	Bahouth et al.	424	57	
	4,143,172	3/6/79	Mitchell et al.	426	532	
	4,163,069	7/31/79	Melachouris et al.	426	582	
	4,219,583	8/26/80	Igoe	426	580	
	4,255,414	3/10/81	Lembke et al.	424	50	
✓	4,322,407	3/30/92	Ko	424	128	
FK	4,349,533	9/14/92	Dent et al.	424	52	

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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
FK	EP 845217	6/88	EPO				
FK	EP 223 762	5/87	EPO				
FK	1541461	2/79	Great Britain				
FK	EP 40654	12/81	EPO				

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FK	Abstract of Muhler et al., South African 6904743, Heaplus, Abstract 469862 (1970)
	Andlaw et al., Community Dentistry and Oral Epidemiol., Vol. 3, pp. 143-147 (1983)
	Borggreven et al., Caries Research, Vol. 26, pp. 84-88 (1992)
	Clerehugh et al., American Journal of Dentistry, Vol.2, Special Issue, pp. 221-224 (1989)
	DeShazer et al., Archs Oral Biol, Vol. 13, pp. 1163-1165 (1968)
✓	Harris, et al., J. Dent. Res., Vol. 46(1) pp. 290-294 (1967)
FK	Ingram et al., Caries Research, Vol. 11, pp. 30-38 (1977)
EXAMINER	DATE CONSIDERED
Krass, Frederick	3/31/07

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FK	4,885,155	12/5/89	Parrar, Jr., et al.	424	52	
	4,906,482	3/6/90	Zemel et al.	426	74	
	4,935,225	6/19/90	Curtis et al.	424	49	
	4,943,443	7/24/90	Evers	426	569	
	4,980,182	12/25/90	Kwon et al.	426	130	
	5,017,362	5/21/91	Gaffar et al.	424	52	
	5,021,251	6/4/91	McKenna et al.	426	330.5	
	5,064,640	11/12/91	Kleber et al.	424	52	
	5,094,870	3/10/92	Scaglione et al.	426	549	
	5,096,701	3/17/92	White et al.	424	52	
FK	5,244,684	9/14/93	Tong et al.	426	330.5	

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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
FK	09-295942	11/18/97	Japan	A61K	33/42	X	
	04139120	5/13/92	Japan (English Abstract only)	A61K	7/8		
	61036211	2/20/86	Japan (English Abstract only)	A61K	7/16		
	WO 00/13531	3/16/00	PCT	A23L	2/00		
FK	WO 01/00048	1/4/01	PCT	A23F	3/16		

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FK	Ingram, et al., Adv. Dent Res., Vol. 8(2), pp. 158-165 (1994)
	Larsen, Scandinavia Journal of Dentistry Research, Vol. 83, pp. 13-17 (1975)
	McGaughey et al., Journal of Dentistry Research, Vol. 56(6), pp. 579-587 (1977)
	McGaughey, Caries Research, Vol. 17, pp. 229-241 (1983)
	Mor et al., New Zealand Dental Journal, Vol. 77, pp. 57-61 (1981)
FK	Newesly, Caries Research, Vol. 1, pp. 1-14 (1967)
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<i>Flz</i>	5,336,510	8/9/94	Chang	426	72	
<i>↓</i>	5,417,994	5/23/95	Chang et al.	426	330.3	
	5,431,940	7/11/95	Calderas et al.	426	330.5	
	5,609,904	3/11/97	Koh et al.	426	565	
	5,641,532	6/24/97	Pflaumer et al.	426	590	
	5,654,027	8/5/97	Chalupa	426	573	
	5,792,502	8/11/98	Montezinos et al.	426	590	
	5,827,505	10/27/98	Hughes et al.	424	49	
	5,833,957	11/10/98	Winston et al.	424	49	
	5,866,102	2/2/99	Winston et al.	424	52	
	5,885,553	3/23/99	Michael	424	49	
	5,891,888	4/6/99	Strahl	514	305	
	5,919,512	7/6/99	Montezinos et al.	426	590	
<i>↓</i>	5,939,052	8/17/99	White et al.	424	52	
<i>Flz</i>	5,955,136	9/21/99	Laaman, et al.	426	569	

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

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<i>Flz</i>	O'Mullane et al., J. Dent. Research, Vol. 76(11), pp. 1776-1781 (1997)
<i>↓</i>	Reussner et al., Journal of Dentistry Reseach, Vol. 54(2), pp. 365-370 (1975)
	Roberts, Adv. Dent. Res., Vol. 9(3), pp. 304-311 (1995)
	Shaw, J. Dent. Research, Vol. 59(3), pp. 644-650 (1980)
<i>↓</i>	Shibata et al., Archs. Oral Biol., Vol. 27, pp. 809-816 (1982)
<i>Flz</i>	Stadtler, et al., Caries Research, Vol. 30, pp. 418-422 (1996)
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<i>Krass, Frederick</i>	<i>3/31/07</i>

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FK	6,022,576	2/8/00	Cirigliano et al.	426	597	
	6,036,986	3/14/00	Cirigliano et al.	426	330.5	
	6,039,987	3/21/00	Strahl	426	76	
	6,051,200	4/18/00	Glascok et al.	423	309	
	6,056,984	5/2/00	Ekanayake et al.	426	120	
	6,056,989	5/2/00	Sasagawa et al.	426	590	
	6,060,103	5/9/00	Dunagan	436	580	
	6,106,883	8/22/00	Sokolik et al.	426	573	
	6,126,980	10/3/00	Smith et al.	426	330.3	
	6,139,895	10/31/00	Zablocki et l.	426	573	
	6,190,644	2/20/01	McClanahan			
	6,261,619	7/17/01	Calderas et al.	426	330.3	
	6,268,003	7/31/01	Calderas et al.	426	330.3	
	6,294,214	9/25/01	Calderas et al.	426	330.3	
✓	6,319,490	11/20/01	Parker			
FK	6,187,295	2/13/01	Glandorf	424	52	

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Document Number	Date	Country	Class	Subclass	Translation Yes   No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FK	Stephen et al., International Dental Journal, Vol. 44, #3, Supplement 1, pp. 287-295 (1994)
FK	Stookey et al., J. Dent. Research, Vol. 59(5), pp. 838-843 (1980)
FK	The Effect of Phosphates in Breakfast Cereals on Dental Caries, Nutrition Review, Vol. 25(9), pp. 263-265 (1967)
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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FL	6,326,040	12/4/01	Kearney et al.	426	271	
	6,383,473	5/7/02	Parker	424	49	
	6,440,482	8/27/02	Henson et al.	426	590	
	6,468,576	10/22/02	Sher et al.	426	565	
	6,719,963	4/13/04	Parker	424	49	
↓	6,908,909	6/21/05	Parker	424	49	
FL	6,984,376	1/10/06	Stephenson, et al.	424	49	

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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08/11/06

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		FILING DATE 31 August 1999	GROUP 1625

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FK	2001/051136	13 Dec 01	Winston, et al.			
	4,551,342	5 Nov 85	Nakel, et al.			
	4,722,844	2 Feb 98	Heckert, et al.			
	4,737,375	12 Apr 88	Nakel, et al.			
	4,772,467	20 Sep 88	Pak, et al.			
	4,830,862	16 May 89	Braun, et al.			
	4,851,221	25 Jul 89	Pak, et al.			
	4,919,963	24 Apr 90	Heckert, et al.			
↓	5,028,446	2 Jul 91	Saleeb et al.			
FK	5,108,761	28 Apr 92	Andon, et al.			

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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
FK	EP 0 587 972	23 Mar 94	EP				
	GB 1 250 535	3 Mar 69	GB				
↓	GB 1 516 525	9 Oct 75	GB				
FK	GB 2 207 335	1 Feb 89	GB				

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FK	Bartels, et al., J of Dentistry, Vol. 7(3) pgs 221-229 (1979)
	Dawes, J of the Canadian Dental Association, Vol. 69(11) pgs 722-724 (2003)
	Davis, et al., British Dental Journal, Vol. 143 pgs 116-119 (1977)
	EP Opposition to EP99946084.3 Submission of 26 August 2004
	Hughes et al., Journal of Dentistry, 1999(27), pgs. 285-289.
	Hughes et al., Journal of Dentistry, 1999(27), pgs. 345-350
↓	Hughes et al., Journal of Dentistry, 2000(28), pgs 147-152.
	Lussi et al., Caries Res, 1993, 27(5), pgs. 387-393.
FK	Lussi et al., Caries Res, 1995, 29(5) pgs. 349-354.
EXAMINER Krass, Frederick	
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FK	5,424,082	13 Jun 95	Dake et al.			
	5,445,837	29 Aug 95	Burkes et al.			
	5,468,506	21 Nov 95	Andon			
	5,474,793	12 Dec 95	Meyer et al.			
	5,500,232	19 Mar 96	Keating			
	5,597,595	128 Jan 97	DeWille et al.			
	5,690,975	25 Nov 97	Akahoski et al.			
	5,817,351	6 Oct 98	DeWille et al.			
	5,834,045	10 Nov 89	Keating, et al.			
	5,866,190	2 Feb 99	Barey			
FK	6,159,448	12 Dec 00	Winston, et al.			

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						Yes	No
FK	WO 97/21336	19 Jun 97	WIPO				
FK	WO 97/30601	28 Aug 97	WIPO				
FK	Fr-A 2 731 588	16 Mar 95	FR				

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FK	Parker, et al., European J of Oral Sciences, Vol. 111 pgs 428-433 (2003)
	Pearce, Calcif. Tissue Int., Vol. 33 pgs 395-402 (1981)
	Rugg-Gunn et al., Caries Research, 1998(32), pgs. 337-343.
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	Thomann, et al., Colloids and Surfaces, Vol. 54 pgs 145-159 (1991)
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	West et al., Journal of Dentistry, 1999(27), pgs. 341-344.
	van der Reijden, et al., Caries Res, 1997, 31 pgs. 216-223
FK	van Loveren, et al., Nutrition and Dental Diseases, pgs 109-110 (1995).

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